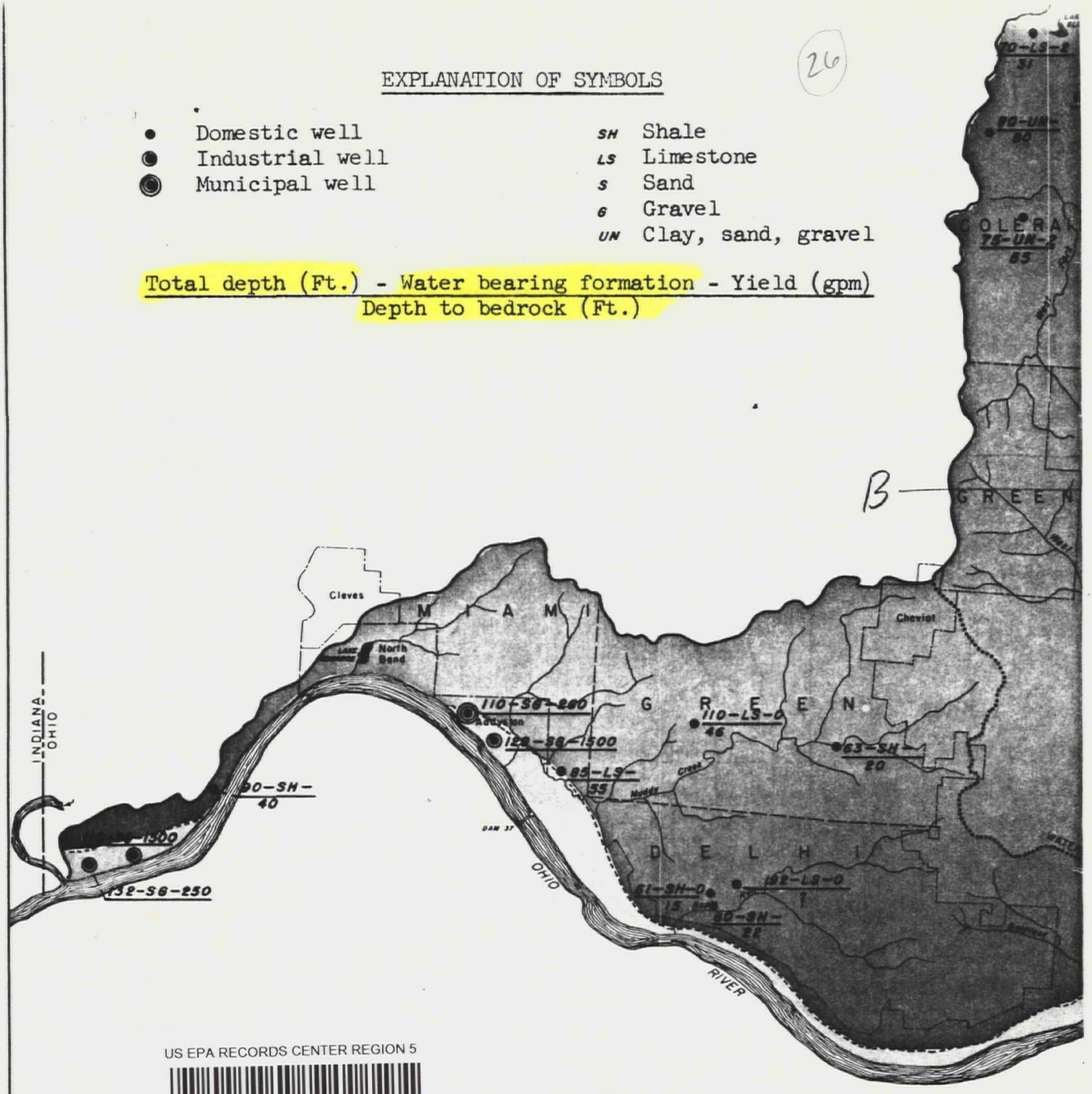
EXPLANATION OF SYMBOLS

- Domestic well
- Industrial well
- Municipal well

SH Shale
LS Limestone
S Sand
G Gravel
UN Clay, sand, gravel

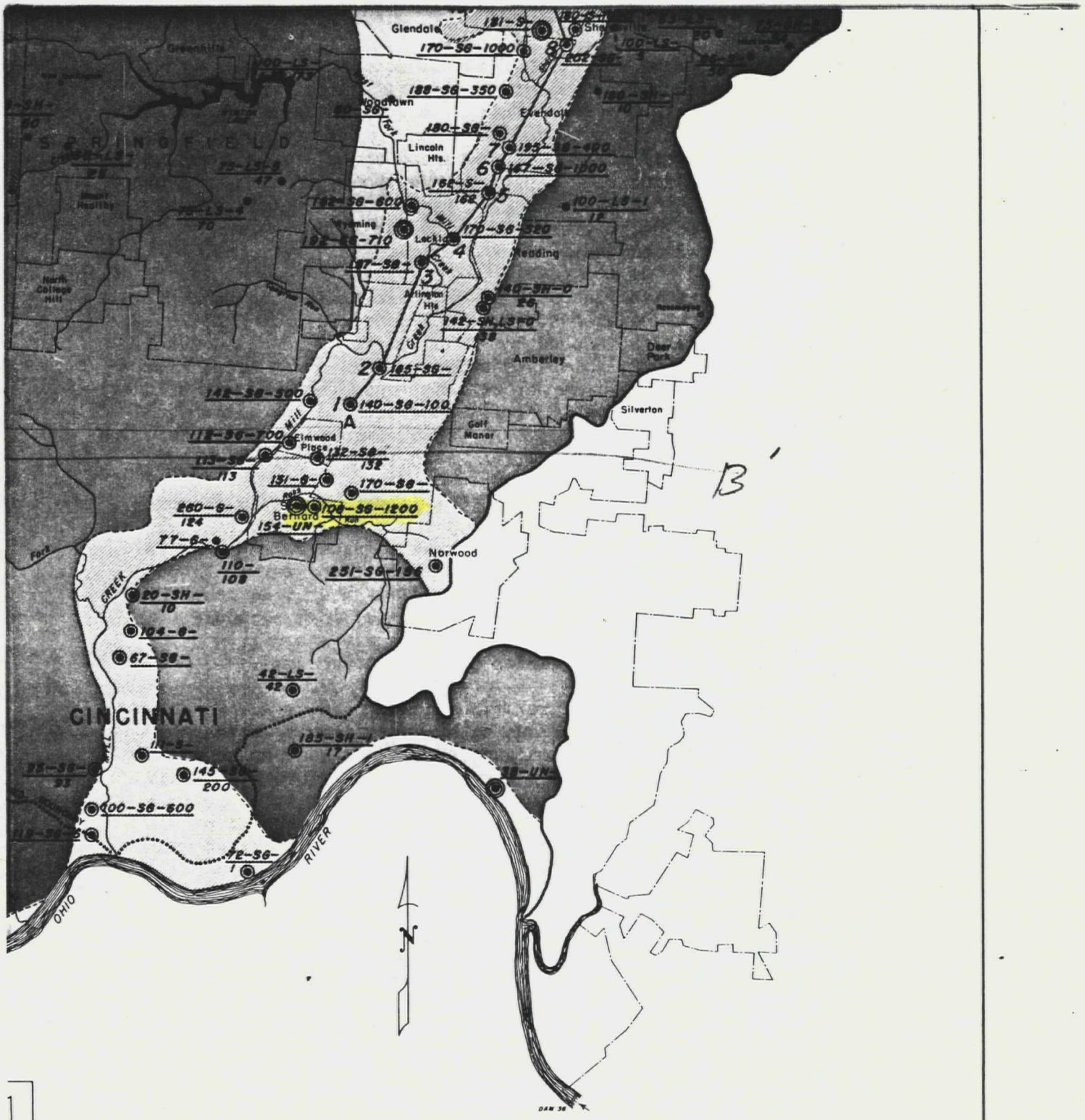
Total depth (Ft.) - Water bearing formation - Yield (gpm)
Depth to bedrock (Ft.)



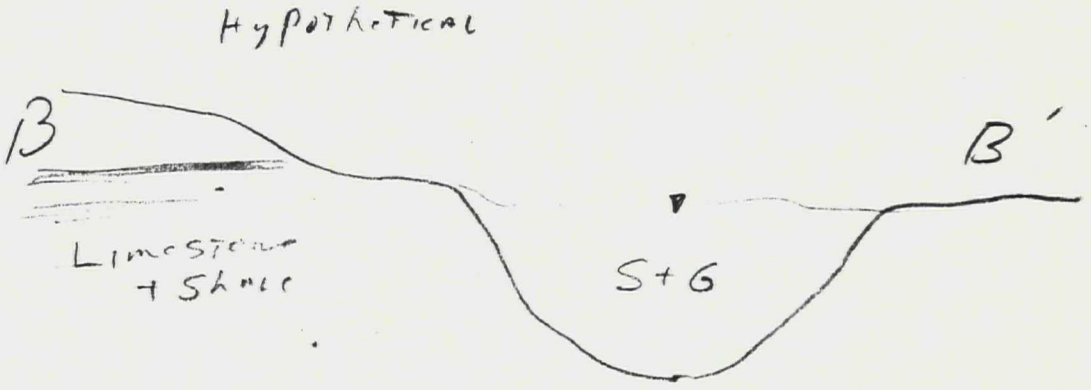
MAP OF THE
MILL CREEK BASIN
AND ADJACENT OHIO RIVER TRIBUTARIES
SHOWING
AVAILABILITY OF
UNDERGROUND WATER

PUBLISHED BY- STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF WATER

SCALE IN MILES



Note: This is a generalized map, showing the potential underground-water resources, based on data presently available. Detailed studies and exploratory drilling are needed to fully define the hydrologic characteristics of the buried valleys and bedrock aquifers.



LEGEND

AREAS IN WHICH YIELDS OF 500 TO 1000 GALLONS PER MINUTE MAY BE DEVELOPED

Thick deposits of permeable sand and gravel underlying relatively thin layers of fine sand and clay. Yields from drilled wells depend upon the amount of infiltration which may be induced from the Ohio River.

AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED

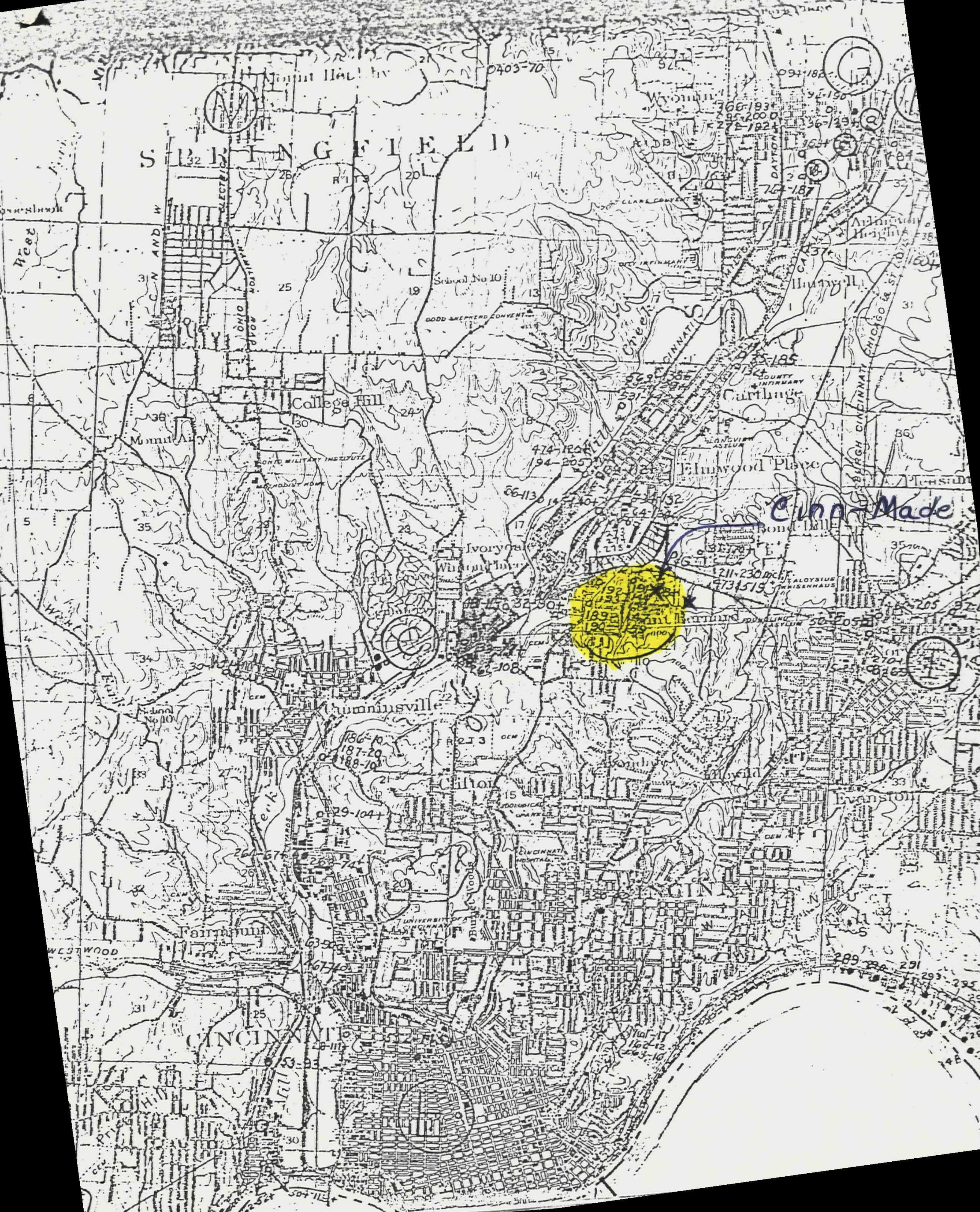
Permeable sand and gravel deposits interbedded in thin to thick clay. Yields depend upon the amount of recharge available to the deeper gravels in the northern portion of the valley and the ability of the aquifer to transmit water to the pumped areas.

AREAS IN WHICH YIELDS OF MORE THAN 5 GALLONS PER MINUTE MAY BE DEVELOPED

Relatively thick glacial deposits consisting basically of clay interbedded with water-bearing lenses of sand and gravel.

AREAS IN WHICH YIELDS OF LESS THAN 5 GALLONS PER MINUTE MAY BE DEVELOPED

Alternating beds of limestone and calcareous shale beneath shallow glacial drift. Water occurs mainly in local lenses of sand and gravel in drift or along bedding planes of the bedrock. Farm and domestic supplies may be available at shallow depth; dug wells and cisterns are a common source of supply.


SPRINGFIELD
School No 10
GOOD SHEPHERD CONVENT
College Hill
Mount Airy
OHIO MILITARY INSTITUTE
Carthage
COUNTY INFIRMARY
Elmwood Place
Hartwell
Arlington Heights
Cinn-Made
Bond Hill
ST ALOYSIUS WAISENHAUS
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